


Earthquake Forecasting and Predictability (EFP)

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9/10/08 Sept 2008 NEPEC Meeting 1



Primary EFP Projects, 2008 (1)

PI	Simulators	Title
• Tullis, Dieterich, Lapusta, Ward		A Collaborative Project: Comparison and Validation of Earthquake Simulators
• Tullis		Workshop on Comparison and Validation of Earthquake Simulators
• Dieterich		Physics-Based Simulation of Earthquake Occurrence in Fault Systems
• Tullis & Beeler		Quasi-Dynamic Parallel Numerical Modeling of Earthquake Interactions Over a Wide Magnitude Range Using Rate and State Friction and Fast Multipoles
• Ward		ALLCAL -- An Earthquake Simulator for All of California
• Ward		Geodetic Inputs to Seismic Hazard Estimation
• Burgmann		Interaction and Predictability of Small Earthquakes at Parkfield

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Primary EFP Projects, 2008 (2)

PI	Others	Title
• Shen & Zeng		Improvement and earthquake predictability test of the load response ratio method
• Ebel		Investigating Seasonality of Earthquake Occurrence in Southern California
• Jordan		Alarm-based Evaluation of Earthquake Forecasts
• Klein & Tiampo		Punctuated Equilibrium and Earthquake Forecasting
• Schoenberg, Kagan, Bird		Spontaneous and triggered earthquakes in diverse tectonic zones of the globe
• Jackson		Long- and Short-Term California forecasts

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Examples of Activities

- Simulators
 - RSQsim
 - PARK
- LURR

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